Please insert the following Abstract as a separate page after the claims.

## ABSTRACT

Polymer mixtures containing a first long-chain polymer and a second short-chain polymer. The structural parameters of the two polymers are coordinated in such a way that a polymeric material is obtained which is easier to process while being provided with improved mechanical properties and in part also improved thermal properties compared with the first polymer at suitable conditions for producing the polymer mixture as a result of networks being formed and heterocrystallization taking place.